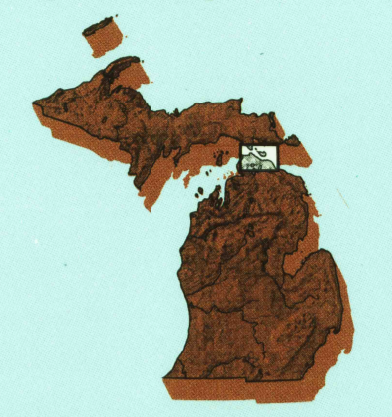


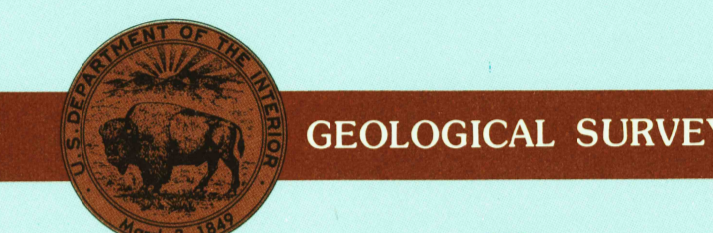
Sault Ste. Marie South MICHIGAN-ONTARIO

1:100 000-scale metric topographic map



30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1984 PHOTOINSPECTED 1988

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1951-1976. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1984.
 Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator
 25 000-foot grid ticks based on Michigan coordinate system, north zone
 1927 North American Datum
 To place on the predicted North American Datum 1983, move the projection lines 3 meters north and 1 meter east.
 There may be private inholdings within the boundaries of the National or State reservations shown on this map.
 Map photoinspected using 1986 and 1988 photographs.
 No major culture or drainage changes found.

CONTOUR INTERVAL 10 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet	Meters	Feet	1	2	3	4
1	3.2808	0°	0'	1	2	3	4
2	6.5617	15°	15'	5	6	7	8
3	9.8425	30°	30'				
4	13.1234	45°	45'				
5	16.4042	60°	60'				
6	19.6850	75°	75'				
7	22.9659	90°	90'				
8	26.2467						
9	29.5275						
10	32.8084						

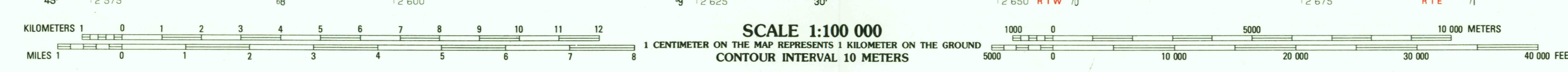
To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergences (GN) and 1984 magnetic declination (MN) at center of strip
 Diagram is approximate

FOR SALE BY U.S. GEOLOGICAL SURVEY
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Route marker: Interstate, U.S. State
- Railroad: standard gauge, narrow gauge
- Bridge: overpass, underpass
- Tunnel: road, railroad
- Built up area; locality; elevation
- Airport; landing field; landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U.S. public lands survey: range, township; section
- Range, township; section line: protracted
- Power transmission line; pipeline
- Dam; dike with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruins: cliff dwelling
- Distorted surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake: perennial, intermittent
- Rapids, large and small, falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard



SAULT STE. MARIE SOUTH, MICHIGAN-ONTARIO
 46084-A1-TM-100
 1984 PHOTOINSPECTED 1988

